Sequence Listing

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Kim, K. Jin

<120> METHOD FOR MAKING MONOCLONAL ANTIBODIES AND
CROSS-REACTIVE ANTIBODIES OBTAINABLE BY THE METHOD

<130> P1468R1 (REVISED)

<140> US 09/329,633
<141> 1999-06-10

<150> US 60/089,253
<151> 1998-06-12

<160> 2

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<211> 1799
<212> DNA
<213> human

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ccacgggcct gagagactat aagagcgttc cctaccgcca tggaacaacg 150

gggacagaac gccccggccg cttcgggggc ccggaaaagg cacggcccag 200

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tctgatcacc caacaagacc tagctcccca gcagagagcg gccccacaac 350

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cacgatgctg ataaagtggg tcaacaaaac cgggcgagat gcctctgtcc 1250

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ggcggccgcg actctagagt cgacctgcag aagcttggcc gccatggcc 1799

<210> 2
<211> 411
<212> PRT
<213> human

<220>
<221> xaa
<222> 410
<223> xaa = leu or met

<400> 2

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Met Glu Gln Arg Gly Gln Asn Ala Pro Ala Ala Ser Gly Ala Arg
 1               5                  10                  15

Lys Arg His Gly Pro Gly Pro Arg Glu Ala Arg Gly Ala Arg Pro
            20                  25                  30

Gly Leu Arg Val Pro Lys Thr Leu Val Leu Val Val Ala Ala Val
        35                  40                  45

Leu Leu Leu Val Ser Ala Glu Ser Ala Leu Ile Thr Gln Gln Asp
    50                  55                  60

Leu Ala Pro Gln Gln Arg Ala Ala Pro Gln Gln Lys Arg Ser Ser
65                  70                  75

Pro Ser Glu Gly Leu Cys Pro Pro Gly His His Ile Ser Glu Asp
            80                  85                  90

Gly Arg Asp Cys Ile Ser Cys Lys Tyr Gly Gln Asp Tyr Ser Thr
        95                  100                 105

His Trp Asn Asp Leu Leu Phe Cys Leu Arg Cys Thr Arg Cys Asp
    110                 115                 120

Ser Gly Glu Val Glu Leu Ser Pro Cys Thr Thr Thr Arg Asn Thr
125                 130                 135

Val Cys Gln Cys Glu Glu Gly Thr Phe Arg Glu Glu Asp Ser Pro
            140                 145                 150

Glu Met Cys Arg Lys Cys Arg Thr Gly Cys Pro Arg Gly Met Val
        155                 160                 165

Lys Val Gly Asp Cys Thr Pro Trp Ser Asp Ile Glu Cys Val His
    170                 175                 180

Lys Glu Ser Gly Ile Ile Ile Gly Val Thr Val Ala Ala Val Val
185                 190                 195

Leu Ile Val Ala Val Phe Val Cys Lys Ser Leu Leu Trp Lys Lys
            200                 205                 210

Val Leu Pro Tyr Leu Lys Gly Ile Cys Ser Gly Gly Gly Gly Asp
        215                 220                 225
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Pro Glu Arg Val Asp Arg Ser Ser Gln Arg Pro Gly Ala Glu Asp
230 235 240

Asn Val Leu Asn Glu Ile Val Ser Ile Leu Gln Pro Thr Gln Val
245 250 255

Pro Glu Gln Glu Met Glu Val Gln Glu Pro Ala Glu Pro Thr Gly
260 265 270

Val Asn Met Leu Ser Pro Gly Glu Ser Glu His Leu Leu Glu Pro
275 280 285

Ala Glu Ala Glu Arg Ser Gln Arg Arg Arg Leu Leu Val Pro Ala
290 295 300

Asn Glu Gly Asp Pro Thr Glu Thr Leu Arg Gln Cys Phe Asp Asp
305 310 315

Phe Ala Asp Leu Val Pro Phe Asp Ser Trp Glu Pro Leu Met Arg
320 325 330

Lys Leu Gly Leu Met Asp Asn Glu Ile Lys Val Ala Lys Ala Glu
335 340 345

Ala Ala Gly His Arg Asp Thr Leu Tyr Thr Met Leu Ile Lys Trp
350 355 360

Val Asn Lys Thr Gly Arg Asp Ala Ser Val His Thr Leu Leu Asp
365 370 375

Ala Leu Glu Thr Leu Gly Glu Arg Leu Ala Lys Gln Lys Ile Glu
380 385 390

Asp His Leu Leu Ser Ser Gly Lys Phe Met Tyr Leu Glu Gly Asn
395 400 405

Ala Asp Ser Ala Xaa Ser
410